

SOIL INTERP. TABLE — Franklin Co., Massachusetts						
SEPT., 2002 — Natural Resources Conservation Service						
Update in progress. For answers to questions, call the soil survey office at 413-772-0384 x 4.						
For map units where two or more components are named, the unit's P/S&L/O/U rating is based on the most limiting component. P = prime, S&L = state and local, U = unique, O = other						
ana = analog (modified surface texture base on fragments sizes may be present in addition to listed surface texture)						
vf = very fine stny = stony rky = rocky extr = extremely subc = subclass						
W: wet S: stony, droughty, or stony E: erodible Class 1 has very few limitations for agriculture.						
Publ. Sym.	Slp. Rng. (%)	Map Unit Name	P/s&l/O/U	cap. cls	subc	State Symbol
AfA	0 to 3	Agawam fine sandy loam	P	1	-	275A
AfB	3 to 8	Agawam fine sandy loam	P	2	E	275B
AfC	8 to 15	Agawam fine sandy loam	s&l	3	E	275C
AfD	15 to 25	Agawam fine sandy loam	O	4	E	275D
AgA	0 to 3	Agawam fine sandy loam, variant	P	1	-	277A
AgB	3 to 8	Agawam fine sandy loam, variant	P	2	E	277B
AgC	8 to 20	Agawam fine sandy loam, variant	s&l	3	E	277C
BaA	0 to 3	Belgrade silt loam	P	2	W	225A
BaB	3 to 8	Belgrade silt loam	P	2	W	225B
BbB	3 to 8	Berkshire fine sandy loam	P	2	E	450B
BbC	8 to 15	Berkshire fine sandy loam	s&l	3	E	450C
BbD	15 to 25	Berkshire fine sandy loam	O	4	E	450D
BcB	3 to 8	Berkshire fine sandy loam, very stony	s&l	6	S	451B
BcC	8 to 15	Berkshire fine sandy loam, very stony	s&l	6	S	451C
BcD	15 to 25	Berkshire fine sandy loam, very stony	O	6	S	451D
BdB	3 to 8	Berkshire fine sandy loam, extremely stony	O	7	S	452B
BdD	8 to 25	Berkshire fine sandy loam, extremely stony	O	7	S	452D
BdF	25 to 65	Berkshire fine sandy loam, extremely stony	O	7	S	452F
BeB	3 to 8	Berkshire fine sandy loam, dark subsoil	P	2	E	450B
BeC	8 to 15	Berkshire fine sandy loam, dark subsoil	s&l	3	E	450C
BeD	15 to 25	Berkshire fine sandy loam, dark subsoil	O	4	E	450D

Publ. Sym.	Slp. Rng. (%)	Map Unit Name	P/s&l/O/U	cap. cls	subc	State Symbol
BfB	3 to 8	Berkshire fine sandy loam, dark subsoil, very stony	s&l	6	S	451B
BfC	8 to 15	Berkshire fine sandy loam, dark subsoil, very stony	s&l	6	S	451C
BfD	15 to 25	Berkshire fine sandy loam, dark subsoil, very stony	O	6	S	451D
BgB	3 to 8	Berkshire fine sandy loam, dark subsoil, extremely stony	O	7	S	452B
BgD	8 to 25	Berkshire fine sandy loam, dark subsoil, extremely stony	O	7	S	452D
BgF	25 to 55	Berkshire fine sandy loam, dark subsoil, extremely stony	O	7	S	452F
BhB	3 to 8	Bernardston channery silt loam	P	2	E	333B
BhC	8 to 15	Bernardston channery silt loam	s&l	3	E	333C
BhD	15 to 25	Bernardston channery silt loam	O	4	E	333D
BmB	3 to 8	Bernardston silt loam, very stony	s&l	6	S	331B
BmC	8 to 15	Bernardston silt loam, very stony	s&l	6	S	331C
BmD	15 to 25	Bernardston silt loam, very stony	O	6	S	331D
BmF	25 to 55	Bernardston silt loam, very stony	O	7	S	331F
Bn	0 to 3	Biddeford silt loam	O	5	W	17A
BsB	3 to 8	Broadbrook very fine sandy loam	P	2	E	340B
BsC	8 to 15	Broadbrook very fine sandy loam	s&l	3	E	340C
BsD	15 to 25	Broadbrook very fine sandy loam	O	4	E	340D
BtC	3 to 15	Broadbrook very fine sandy loam, very stony	s&l	6	S	341C
BtD	15 to 25	Broadbrook very fine sandy loam, very stony	O	6	S	341D
BuA	0 to 3	Buckland fine sandy loam	P	2	W	375A
BuB	3 to 8	Buckland fine sandy loam	P	2	W	375B
BuC	8 to 15	Buckland fine sandy loam	s&l	3	E	375C
BuD	15 to 25	Buckland fine sandy loam	O	4	E	375D
BvB	3 to 8	Buckland fine sandy loam, very stony	s&l	6	S	378B
BvC	8 to 15	Buckland fine sandy loam, very stony	s&l	6	S	378C
BvD	15 to 25	Buckland fine sandy loam, very stony	O	6	S	378D
BwB	3 to 8	Buckland fine sandy loam, extremely stony	O	7	S	377B
BwC	8 to 25	Buckland fine sandy loam, extremely stony	O	7	S	377C
BxA	0 to 3	Buxton silt loam	P	2	W	228A
BxB	3 to 10	Buxton silt loam	P	2	W	228B
CaA	0 to 3	Cabot fine sandy loam	O	5	W	77A
CaB	3 to 8	Cabot fine sandy loam	O	5	W	77B
CbB	0 to 10	Cabot fine sandy loam, extremely stony	O	7	S	155B
CcA	0 to 3	Cabot loam, black surface	O	5	W	77A

Publ. Sym.	Slp. Rng. (%)	Map Unit Name	P/s&l/O/U	cap. cls	subc	State Symbol
CdA	0 to 3	Cabot loam, black surface, very stony	O	6	S	154A
CdB	3 to 8	Cabot loam, black surface, very stony	O	6	S	154B
CeA	0 to 3	Carver loamy coarse sand	O	4	S	259A
CeB	3 to 8	Carver loamy coarse sand	O	4	S	259B
CeC	8 to 15	Carver loamy coarse sand	O	7	S	259C
CeD	15 to 25	Carver loamy coarse sand	O	7	S	259D
CKB	3 to 8	Charlton fine sandy loam	P	2	E	405B
CKC	8 to 20	Charlton fine sandy loam	s&l	3	E	405C
CmC	3 to 15	Charlton fine sandy loam, very stony	s&l	6	S	406C
CmD	15 to 25	Charlton fine sandy loam, very stony	O	6	S	406D
CnB	3 to 8	Charlton fine sandy loam, extremely stony	O	7	S	407B
CnD	8 to 25	Charlton fine sandy loam, extremely stony	O	7	S	407D
CnE	25 to 45	Charlton fine sandy loam, extremely stony	O	7	S	407E
CoB	3 to 8	Cheshire fine sandy loam	P	2	E	462B
CoC	8 to 15	Cheshire fine sandy loam	s&l	3	E	462C
CoD	15 to 25	Cheshire fine sandy loam	O	4	E	462D
CpB	3 to 8	Cheshire fine sandy loam, very stony	s&l	6	S	463B
CpC	8 to 15	Cheshire fine sandy loam, very stony	s&l	6	S	463C
CpD	15 to 25	Cheshire fine sandy loam, very stony	O	6	S	463D
CrB	3 to 8	Cheshire fine sandy loam, extremely stony	O	7	S	464B
CrD	8 to 25	Cheshire fine sandy loam, extremely stony	O	7	S	464D
CrE	25 to 45	Cheshire fine sandy loam, extremely stony	O	7	S	464E
CsB	3 to 8	Colrain fine sandy loam	P	2	E	465B
CsC	8 to 15	Colrain fine sandy loam	s&l	3	E	465C
CsD	15 to 25	Colrain fine sandy loam	O	4	E	465D
CvB	3 to 8	Colrain fine sandy loam, very stony	s&l	6	S	466B
CvC	8 to 15	Colrain fine sandy loam, very stony	s&l	6	S	466C
CvD	15 to 25	Colrain fine sandy loam, very stony	O	6	S	466D
CxB	3 to 8	Colrain fine sandy loam, extremely stony	O	7	S	467B
CxD	8 to 25	Colrain fine sandy loam, extremely stony	O	7	S	467D
CxF	25 to 50	Colrain fine sandy loam, extremely stony	O	7	E	467F
DfA	0 to 3	Deerfield loamy fine sand	s&l	3	W	256A
DuB	3 to 8	Dutchess silt loam	P	2	E	470B
DuC	8 to 15	Dutchess silt loam	s&l	3	E	470C
DuD	15 to 25	Dutchess silt loam	O	4	E	470D

Publ. Sym.	Slp. Rng. (%)	Map Unit Name	P/s&l/O/U	cap. cls	subc	State Symbol
DvC	3 to 15	Dutchess silt loam, very stony	s&l	6	S	471C
DvD	15 to 25	Dutchess silt loam, very stony	O	6	S	471D
DxD	8 to 25	Dutchess silt loam, extremely stony	O	7	S	472D
DxF	25 to 55	Dutchess silt loam, extremely stony	O	7	S	472F
EfB	3 to 8	Essex fine sandy loam	s&l	3	E	385B
EfC	8 to 15	Essex fine sandy loam	s&l	4	E	385C
EfD	15 to 25	Essex fine sandy loam	O	6	E	385D
EvB	3 to 8	Essex fine sandy loam, very stony	s&l	6	S	386B
EvC	8 to 15	Essex fine sandy loam, very stony	s&l	6	S	386C
EvD	15 to 25	Essex fine sandy loam, very stony	O	6	S	386D
ExB	3 to 8	Essex fine sandy loam, extremely stony	O	7	S	387B
ExC	8 to 25	Essex fine sandy loam, extremely stony	O	7	S	387C
ExE	25 to 45	Essex fine sandy loam, extremely stony	O	7	S	387E
GfA	0 to 3	Gloucester fine sandy loam	s&l	2	S	440A
GfB	3 to 8	Gloucester fine sandy loam	s&l	2	E	440B
GfC	8 to 15	Gloucester fine sandy loam	s&l	3	E	440C
GfD	15 to 25	Gloucester fine sandy loam	O	4	E	440D
GmB	3 to 8	Gloucester sandy loam	s&l	2	S	440B
GmC	8 to 15	Gloucester sandy loam	s&l	3	E	440C
GmD	15 to 25	Gloucester sandy loam	O	4	E	440D
GvB	3 to 8	Gloucester sandy loam, very stony	s&l	6	S	441B
GvC	8 to 15	Gloucester sandy loam, very stony	s&l	6	S	441C
GvD	15 to 25	Gloucester sandy loam, very stony	O	6	S	441D
GxB	3 to 8	Gloucester sandy loam, extremely stony	O	7	S	442B
GxC	8 to 25	Gloucester sandy loam, extremely stony	O	7	S	442C
GxE	25 to 45	Gloucester sandy loam, extremely stony	O	7	S	442E
HaA	0 to 3	Hadley silt loam	P	1	-	96A
HaB	3 to 8	Hadley silt loam	P	1	-	96B
HbA	0 to 3	Hadley very fine sandy loam	P	1	-	96A
HbB	3 to 8	Hadley very fine sandy loam	P	1	-	96B
HcA	0 to 3	Hadley very fine sandy loam, overflow	P	2	W	98A
HdA	0 to 3	Hartland silt loam	P	1	-	230A
HdB	3 to 8	Hartland silt loam	P	2	E	230B
HdC	8 to 15	Hartland silt loam	s&l	3	E	230C
HdD	15 to 35	Hartland silt loam	O	6	E	230D

Publ. Sym.	Slp. Rng. (%)	Map Unit Name	P/s&l/O/U	cap. cls	subc	State Symbol
HkA	0 to 3	Hinckley sandy loam	s&l	3	S	245A
HkB	3 to 8	Hinckley sandy loam	s&l	3	S	245B
HkC	8 to 15	Hinckley sandy loam	O	4	S	245C
HkD	15 to 35	Hinckley sandy loam	O	6	S	245D
HgA	0 to 3	Hinckley gravelly very fine sandy loam	s&l	3	S	242A
HgB	3 to 8	Hinckley gravelly very fine sandy loam	s&l	3	S	242B
HgC	8 to 15	Hinckley gravelly very fine sandy loam	O	4	S	242C
HgD	15 to 25	Hinckley gravelly very fine sandy loam	O	6	S	242D
HmB	3 to 8	Hollis fine sandy loam	O	4	E	758B
HmC	8 to 15	Hollis fine sandy loam	O	4	E	758C
HnC	3 to 15	Hollis fine sandy loam, very rocky	O	6	S	104C
HnD	15 to 25	Hollis fine sandy loam, very rocky	O	6	S	104D
HoD	3 to 25	Hollis fine sandy loam, extremely rocky	O	7	S	104D
HoF	25 to 60	Hollis fine sandy loam, extremely rocky	O	7	S	104F
HvC	3 to 15	Holyoke & Sunderland very fine sandy loam, very rocky	O	6	S	759C
HvD	15 to 25	Holyoke & Sunderland very fine sandy loam, very rocky	O	6	S	759D
HxD	8 to 25	Holyoke & Sunderland very fine sandy loam, extremely rocky	O	7	S	760D
HxF	25 to 90	Holyoke & Sunderland very fine sandy loam, extremely rocky	O	7	S	760F
Lk	0 to 3	Limerick silt loam	O	4	W	8A
Ls	0 to 3	Limerick-Saco silt loams	O	7	W	22A
LvC	3 to 15	Lyman very rocky loam	O	6	S	126C
LvD	15 to 25	Lyman very rocky loam	O	6	S	126D
LxC	3 to 25	Lyman extremely rocky loam	O	7	S	126C
LxF	25 to 80	Lyman extremely rocky loam	O	7	S	126F
MaB	3 to 8	Marlow loam	P	2	E	355B
MaC	8 to 15	Marlow loam	s&l	3	E	355C
MaD	15 to 25	Marlow loam	O	4	E	355D
MbB	3 to 8	Marlow loam, very stony	s&l	6	S	356B
MbC	8 to 15	Marlow loam, very stony	s&l	6	S	356C
MbD	15 to 25	Marlow loam, very stony	O	6	S	356D
McB	3 to 8	Marlow loam, extremely stony	O	7	S	357B
McD	8 to 35	Marlow loam, extremely stony	O	7	S	357D
MdB	3 to 8	Marlow loam, dark subsoil	P	2	E	355B
MdC	8 to 15	Marlow loam, dark subsoil	s&l	3	E	355C
MdD	15 to 25	Marlow loam, dark subsoil	O	4	E	355D

Publ. Sym.	Slp. Rng. (%)	Map Unit Name	P/s&l/O/U	cap. cls	subc	State Symbol
MeB	3 to 8	Marlow loam, dark subsoil, very stony	s&l	6	S	356B
MeC	8 to 15	Marlow loam, dark subsoil, very stony	s&l	6	S	356C
MeD	15 to 25	Marlow loam, dark subsoil, very stony	O	6	S	356D
MfB	3 to 8	Marlow loam, dark subsoil, extremely stony	O	7	S	357B
MfD	8 to 25	Marlow loam, dark subsoil, extremely stony	O	7	S	357D
MfE	25 to 45	Marlow loam, dark subsoil, extremely stony	O	7	S	357E
MgA	0 to 3	Merrimac fine sandy loam	P	2	E	254A
MgB	3 to 8	Merrimac fine sandy loam	P	2	E	254B
MgC	8 to 15	Merrimac fine sandy loam	s&l	3	E	254C
MgD	15 to 25	Merrimac fine sandy loam	O	4	E	254D
MmA	0 to 3	Merrimac sandy loam	P	2	S	254A
MmB	3 to 8	Merrimac sandy loam	P	2	S	254B
MmC	8 to 15	Merrimac sandy loam	s&l	3	E	254C
MmE	15 to 35	Merrimac sandy loam	O	7	E	254E
Ms	0 to 3	Muck, shallow	U	7	W	51A
Mu	0 to 3	Muck	U	7	W	52A
NaC	3 to 15	Nassau silt loam, very rocky	O	6	S	143C
NaD	15 to 25	Nassau silt loam, very rocky	O	6	S	143D
NeC	3 to 25	Nassau silt loam, extremely rocky	O	7	S	143C
NeF	25 to 75	Nassau silt loam, extremely rocky	O	7	S	143F
NfA	0 to 3	Ninigret fine sandy loam	P	2	W	276A
NfB	3 to 10	Ninigret fine sandy loam	P	2	W	276B
NgA	0 to 3	Ninigret fine sandy loam, silty substratum	P	2	W	279A
NgB	3 to 8	Ninigret fine sandy loam, silty substratum	P	2	W	279B
Of	0 to 3	Ondawa fine sandy loam	P	1	-	94A
Pa	0 to 3	Peat	U	7	W	52A
PbA	0 to 3	Peru loam	P	2	W	360A
PbB	3 to 8	Peru loam	P	2	W	360B
PbC	8 to 15	Peru loam	s&l	3	E	360C
PcB	3 to 8	Peru loam, very stony	s&l	6	S	361B
PcC	8 to 15	Peru loam, very stony	s&l	6	S	361C
PcD	15 to 25	Peru loam, very stony	O	6	S	361D
PeB	0 to 8	Peru loam, extremely stony	O	7	S	362B
PeC	8 to 25	Peru loam, extremely stony	O	7	S	362C
PnB	3 to 8	Pittstown silt loam	P	2	W	345B

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Po	0 to 3	Podunk fine sandy loam	P	2	W	95A
RaA	0 to 3	Raynham silt loam	O	4	W	30A
RdA	0 to 3	Ridgebury fine sandy loam	O	4	W	70A
RdB	3 to 8	Ridgebury fine sandy loam	O	4	W	70B
RgB	0 to 10	Ridgebury fine sandy loam, very stony & extremely stony	O	7	S	71B
Rs	0 to 3	Riverwash	O	8	S	615A
Ru	0 to 3	Rumney fine sandy loam	O	3	W	18A
Sa	0 to 3	Saco silt loam	O	6	W	5A
Sb	0 to 3	Saugatuck loamy sand	O	4	W	37A
ScA	0 to 3	Scantic silt loam	O	4	W	16A
ScB	3 to 8	Scantic silt loam	O	4	W	16B
Sd	0 to 3	Scarboro fine sandy loam, brownish subsoil variant	O	5	W	20A
SeA	0 to 3	Scituate fine sandy loam	P	2	W	315A
SeB	3 to 8	Scituate fine sandy loam	P	2	W	315B
SeC	8 to 15	Scituate fine sandy loam	s&l	3	E	315C
SfA	0 to 3	Scituate fine sandy loam, very stony	s&l	6	S	316A
SfB	3 to 8	Scituate fine sandy loam, very stony	s&l	6	S	316B
SfC	8 to 15	Scituate fine sandy loam, very stony	s&l	6	S	316C
SgB	0 to 8	Scituate fine sandy loam, extremely stony	O	7	S	317B
SgC	8 to 25	Scituate fine sandy loam, extremely stony	O	7	S	317C
ShB	3 to 8	Shapleigh fine sandy loam	O	4	E	114B
ShC	8 to 15	Shapleigh fine sandy loam	O	4	E	114C
SKC	3 to 15	Shapleigh fine sandy loam, very rocky	O	7	S	104C
SKD	15 to 25	Shapleigh fine sandy loam, very rocky	O	7	S	104D
SmC	3 to 25	Shapleigh fine sandy loam, extremely rocky	O	7	S	764C
SmF	25 to 60	Shapleigh fine sandy loam, extremely rocky	O	7	S	764F
SnB	3 to 8	Shelburne loam	P	2	E	370B
SnC	8 to 15	Shelburne loam	s&l	3	E	370C
SnD	15 to 25	Shelburne loam	O	4	E	370D
SoB	3 to 8	Shelburne loam, very stony	s&l	6	S	371B
SoC	8 to 15	Shelburne loam, very stony	s&l	6	S	371C
SoD	15 to 25	Shelburne loam, very stony	O	6	S	371D
SpB	3 to 8	Shelburne loam, extremely stony	O	7	S	372B
SpD	8 to 25	Shelburne loam, extremely stony	O	7	S	372D
SpF	25 to 50	Shelburne loam, extremely stony	O	7	S	372F



Publ. Sym.	Slp. Rng. (%)	Map Unit Name	P/s&l/O/U	cap. cls	subc	State Symbol
SrB	0 to 8	Stissing silt loam	O	3	W	79B
SsB	3 to 8	Stissing silt loam, very stony	O	7	S	80B
StA	0 to 3	Sudbury fine sandy loam	P	2	W	260A
StB	3 to 8	Sudbury fine sandy loam	P	2	W	260B
SuB	3 to 8	Suffield silt loam	P	2	E	719B
SuC2	8 to 15	Suffield silt loam, eroded	s&l	6	E	765C
SuE2	15 to 35	Suffield silt loam, eroded	O	6	E	765E
Sv	0 to 3	Suncook loamy sand	O	3	S	97A
SwB	3 to 8	Sutton fine sandy loam	P	2	W	410B
SwC	8 to 20	Sutton fine sandy loam	s&l	3	E	410C
SxB	3 to 8	Sutton fine sandy loam, very stony	s&l	6	S	411B
SxC	8 to 15	Sutton fine sandy loam, very stony	s&l	6	S	411C
SyB	0 to 8	Sutton fine sandy loam, extremely stony	O	7	S	412B
SyC	8 to 25	Sutton fine sandy loam, extremely stony	O	7	S	412C
SzA	0 to 3	Swanton very fine sandy loam	O	4	W	40A
SzB	3 to 8	Swanton very fine sandy loam	O	4	W	40B
WaA	0 to 3	Walpole and Wareham fine sandy loams	O	4	W	41A
WaB	3 to 8	Walpole and Wareham fine sandy loams	O	4	W	41B
WfA	0 to 3	Warwick gravelly fine sandy loam	P	1	-	266A
WfB	3 to 8	Warwick gravelly fine sandy loam	P	2	E	266B
WfC	8 to 15	Warwick gravelly fine sandy loam	s&l	3	E	266C
WfD	15 to 40	Warwick gravelly fine sandy loam	O	4	E	266D
WgA	0 to 3	Warwick gravelly loam	P	1	-	266A
WgB	3 to 8	Warwick gravelly loam	P	2	E	266B
WgC	8 to 15	Warwick gravelly loam	s&l	3	E	266C
WmB	3 to 8	Westminster loam	s&l	2	E	117B
WmC	8 to 15	Westminster loam	O	3	E	117C
WmD	15 to 25	Westminster loam	O	4	E	117D
WnC	3 to 15	Westminster loam, very rocky	O	6	S	117C
WnD	15 to 25	Westminster loam, very rocky	O	6	S	117D
WrD	3 to 25	Westminster loam, extremely rocky	O	7	S	117D
WrF	25 to 75	Westminster loam, extremely rocky	O	7	S	117F
WsA	0 to 3	Whitman fine sandy loam	O	5	W	72A
WtA	0 to 3	Whitman fine sandy loam, extremely stony	O	7	S	73A



Publ. Sym.	Slp. Rng. (%)	Map Unit Name	P/s&l/O/U	cap. cls	subc	State Symbol
WuA	0 to 3	Windsor loamy fine sand	s&l	3	S	255A
WuB	3 to 8	Windsor loamy fine sand	s&l	3	S	255B
WuC	8 to 15	Windsor loamy fine sand	O	4	S	255C
WuE	15 to 35	Windsor loamy fine sand	O	7	S	255E
WvB	0 to 8	Windsor loamy fine sand, wind-hummocky	s&l	3	S	749B
Ww	0 to 3	Winooski very fine sandy loam	P	2	W	98A
		A slope = 0 - 3 % slope, unless otherwise noted				
		B slope = 3 - 8 %				
		C slope = 8 - 15 %				
		D slope = 15 - 25 %				
		E slope = 25 - 45 %				
		F slope = 45 % +				